AMENDMENTS TO THE CLAIMS:

Claim 1. (Previously amended) A method of analyzing data in a center, wherein said data is obtained from an instrument measuring an object in a user system and sent through a communication network to the center, comprising:

accessing directly through said communication network to said center from said instrument;

sending measured data together with a required information from said instrument to said center;

judging whether said measured data is simple based upon a predetermined standard;

analyzing said measured data in said center to generate an analysis result if said measured data is simple; and

sending said analysis result from said center to said user system.

Claim 2. (Previously amended) A method for analyzing data in a center according to claim 1, wherein said communication network comprises an Internet and said center comprises a homepage on the Internet, further comprising:

accessing and opening the homepage from a user system;

inputting data into the required items shown on the homepage; and

sending the input data from said user system to said center.

Claim 3. (Previously amended) A method for analyzing data in a center according to claim 1, wherein said analyzing comprises automatic analysis according to reference data stored previously, the method further comprising:

asking a center staff to come if said automatic analysis is not performed.

Claim 4. (Previously amended) A method for analyzing data in a center according to claim 3, further comprising:

providing access for said center staff to said instrument;

receiving setting data from said center staff;

transmitting said setting data for measuring to said instrument from said center; and

receiving measured data from said instrument for analyzing in said center.

Claim 5. (Previously amended) A system for analyzing data in a center, comprising:

an instrument for measuring an object in a user system to obtain measured data;

a center in direct communication with said instrument via a communication network; and

a terminal in communication with said center, wherein said instrument is adapted to send the measured data to said center in response to a request from said terminal, and, further adapted to measure again in response to receiving setting data from said center, and sending the measured data again, and wherein said terminal is adapted to receive an analysis result from said center; and

wherein said center analyzes the measured data received from said instrument, judges whether said measured data is simple based upon a predetermined standard, sends back a setting data to said instrument if said measured data is not simple, and sends an analysis result to said terminal.

Claim 6. (Previously amended) A system for analyzing data in a center according to claim 5, said center comprising:

an administration center in communication with said instrument through said communication network, and which receives and sends data through said communication network; and

a measured-data process center comprising:

a data storage that stores previously referenced data for analysis of the measured data;

an analyzer that receives the measured data through said administration center, analyzes the measured data according to the reference data, and sends an analysis result to said terminal through said administration center.

Claim 7. (Previously amended) A system for analyzing data in a center according to claim 6, wherein said measured-data process center further comprises:

a user-access portion that generates a notice if said analyzer cannot analyze the measured data according to the reference data and provides access to said instrument for a center staff to enable control of said instrument, and that receives measured data again.

Claim 8. (Previously added) The method of claim 1, wherein said instrument, said object, and said terminal comprise a user system.

Claim 9. (Previously added) The method of claim 1, further comprising sending a request for measurement of said object by said instrument from a terminal in said user system directly to said instrument.

Claim 10. (Previously added) The method of claim 5, wherein said instrument, said object, and said terminal comprise a user system.

Claim 11. (Previously added) The method of claim 5, wherein said instrument and terminal are in direct communication.

Claim 12. (Previously added) A system for analyzing data from an instrument, comprising:

a user system comprising:

a measuring instrument adapted to measure an object; and

a terminal unit in direct communication with said measuring unit; and

an analyzing center in direct communication with said measuring instrument to receive measured data, wherein said analyzing center determines whether said measured data is simple based upon a predetermined standard and automatically analyzes said measured data received in response to a request from said terminal unit if said measured data is simple.

Claim 13. (Previously added) The system of claim 12, wherein said user system further comprises said object.

Claim 14. (Previously added) The system of claim 12, wherein said analyzing center comprises:

an administration center in direct communication with said measuring instrument; and

a measured-data process center in communication with said administration center.

Claim 15. (Previously added) The system of claim 14, wherein said measured-data process center comprises a user-access portion.

Claim 16. (Previously added) The system of claim 15, wherein said measured-data process center performs said analysis and wherein said user-access portion notifies a center staff if said measured-data process center does not perform said analysis.

Claim 17. (Previously added) The system of claim 16, wherein said user-access portion is adapted to receive setting data from said center staff and to transmit said setting data to said measuring instrument.

Claim 18. (Currently amended) A method of analyzing data, comprising:

determining if a direct communication link between a measuring instrument and an analyzing center is established;

transmitting measurement data from said measuring instrument to said analyzing center if said direct communication link with said analyzing center is established; and

transmitting measurement data from said measuring instrument directly to a terminal unit and transmitting said measurement data directly from said terminal unit to said analyzing center if said direct communication link between said measuring instrument and said analyzing center is not established, wherein said measuring instrument and said terminal unit comprise a user system.